

**ABSTRACT OF THE DISCLOSURE**

A welding implement, such as a TIG welding torch. The welding implement comprises a torch head and a thermal storage member. The torch head is operable to conduct electricity to a welding electrode disposed therein. The thermal storage member is adapted to store heat from the torch head during operation of the torch and to release the heat when the torch is not operated. The thermal storage member is electrically isolated from the torch head by an electrical insulator. The welding implement may comprise a tube coupled to the torch head to conduct gas and electricity to the torch head. The welding implement may also comprise a second tube disposed around the tube proximate to the torch head to increase heat transfer from the torch head to the tube.